

S. Poppe

#141308 Page 1 of 9
6/3/02

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see page 6 RECEIVED



JUN 04 2002

1636

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 05/22/2002

PATENT APPLICATION: US/09/852,659A

TIME: 11:48:56

Input Set : A:\PZ003p4SubSeqList.txt

Output Set: N:\CRF3\05222002\I852659A.raw

2 <110> APPLICANT: Rosen et al.
4 <120> TITLE OF INVENTION: 28 Human Secreted Proteins
6 <130> FILE REFERENCE: PZ003P4
8 <140> CURRENT APPLICATION NUMBER: 09/852,659A
9 <141> CURRENT FILING DATE: 2001-05-11
11 <150> PRIOR APPLICATION NUMBER: 60/265,583
12 <151> PRIOR FILING DATE: 2001-02-02
14 <150> PRIOR APPLICATION NUMBER: 09/152,060
15 <151> PRIOR FILING DATE: 1998-09-11
17 <150> PRIOR APPLICATION NUMBER: PCT/US98/04858
18 <151> PRIOR FILING DATE: 1998-03-12
20 <150> PRIOR APPLICATION NUMBER: 60/040,762
21 <151> PRIOR FILING DATE: 1997-03-14
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27 <151> PRIOR FILING DATE: 1997-05-30
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35 <150> PRIOR APPLICATION NUMBER: 60/048,189
36 <151> PRIOR FILING DATE: 1997-05-30
38 <150> PRIOR APPLICATION NUMBER: 60/057,765
39 <151> PRIOR FILING DATE: 1997-09-05
41 <150> PRIOR APPLICATION NUMBER: 60/048,970
42 <151> PRIOR FILING DATE: 1997-06-06
44 <150> PRIOR APPLICATION NUMBER: 60/068,368
45 <151> PRIOR FILING DATE: 1997-12-19
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50 <170> SOFTWARE: PatentIn Ver. 2.0
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54 <211> LENGTH: 733
55 <212> TYPE: DNA
56 <213> ORGANISM: Homo sapiens

58 <400> SEQUENCE: 1
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61 tctcccgga tcttgaggtc acatgcgtgg tgggtgagct aagccacgaa gaccctgagg 180
62 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
63 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
64 ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
65 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420

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67 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga      540
68 ccacgcctcc cgtgctggac tccgacggct ccttcttct ctacagcaag ctcaccgtgg      600
69 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc      660
70 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc      720
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80 <221> NAME/KEY: Site
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82 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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115 gcccctaact ccgcccagtt ccgcccattc tccgcccacat ggctgactaa ttttttttat      180
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Input Set : A:\PZ003p4SubSeqList.txt

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158 <211> LENGTH: 256
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160 <213> ORGANISM: Homo sapiens
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164 caattagtcg gcaaccatag tcccgcacct aactccgccc atcccgcccc taactccgcc 120
165 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180
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173 <213> ORGANISM: Homo sapiens
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176 <221> NAME/KEY: SITE
177 <222> LOCATION: (839)
178 <223> OTHER INFORMATION: n equals a,t,g, or c
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183 agccaagcag acagctgcgg gtgcccagc ccttgcctgg cctgcgcgtg aggagtccca 180
184 ctgcttctaa aggaagtctt gggcaggagg tggctttggt ggttggttcc aaagttgaaa 240
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186 tgtttgattt gtccagtcta agaagtccca ttgccaaagc tttctgcagg aggggtgaatg 360
187 ccgcagcttg gcagccctct ggtttctctt ggaaatggtc agtttccctt caaagtaccc 420
188 aaagtagcct tggtttgagt ttttgtcctt gcctcctttt tagagaagag ggcatttaga 480
189 ctgcattttc ctggttaaag aagggttaaag caaatgttta ttgccttttc tagtgaacta 540
190 actcgtagag atgttctcag caggaagaca gtcttagcac tgtcacttag cagattgcac 600
191 ttaagtcctt tgtgctggcc agatggcgtg gotggttgcc ttaatatgtc ccaggacccc 660
192 tgacagggct gcctggcctc tccctcgtgc tctcaagag cccagtcctt acactgtgga 720
193 tgtcattgct gtcgggttag gaagtcttgt cctagaacgc cctggctggt atgaccacag 780
W--> 194 ttcattggcg ctcttctcgc ttgggtcatg gtcattctcc agcacctgct gtgctgggna 840

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196 gggcagcatg gaacatgcag ctgggcttcc tgtgaccagg caccctctgg cactgttgc      960
197 tggcctgtgc cctggacctt ttccctgccct tctccctcct ctgctccctt ggggctaccc      1020
198 cttggccctt cctggctgtg gcaaaactccc tcaggaggcc cccctgccct gtagctctcr      1080
199 cttaacttcc taggggctgc tgagccacc cagaggttgt tggagttcag cggggcagct      1140
200 tgtctccctt gtcagcaggg gcgtaagggc tgggtttggc catacaaggt tggctacgcc      1200
201 ctcaatccct gaccgttcca ggcactgagc tgggcaccca cggaaggaca tgctgtccag      1260
202 actgtgatga ctgccagcac agggcatctc gggcttggct ggtctgcgag gccttgcccc      1320
203 tgtggaactc tgggttccctg ttttctcagt cttttttgcg gctttgctgt ggttggcagc      1380
204 tgccgtactc caggcttgtg tcggccactc agatgagggc tgtggtgcga gccagtgcag      1440
205 gagagctgcg cttgggattg tgccctctcc tgtgtctgtc ctccggacct acccaggtct      1500
206 ccaccatcag gacctgtct ttgggtttag aagaccaagt atggggaaaa ccaggcacca      1560
207 gcctctgcag caatgggtcc ctctagcctg tggacaccag ctgggggatc cagggtcagg      1620
208 cccctcctc tcccagttt cctctgctg tgggttctgg gctgtcatgt ctccaccact      1680
209 taaggatgtc ttacatgta cttcaggata gatgctggga tgccctgggca tggccacatg      1740
210 ttacatgtac agaactttgt ctacagcaca aattaagtta tataaacaca gtgactggta      1800
211 tttaatgctg atctactata aggtattcta ttttatatg acttcagaga cgcgtatgta      1860
212 ataaaggacg cctccctcc agtgccaca tccagttcac cccagagggt cgggcagggt      1920
213 gacatattta tttttgtcta ttctgtaggc ttccatgtcc agaatcctgc ttaaggtttt      1980
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226 tegtcttcaa ggccaagcac gtggagaact gcgagatagt tgccctcaag aagggtggcc      180
227 taaggcgggt ggaagacggc ttccctaacc aggccctgcg ggagattaag gctctgcagg      240
228 aratggagga caatcagtat gtggtacaac tgaaggctgt gttcccacac ggtggaggct      300
229 ttgtgctggc ctttgagttc atgctgtcgg atctggccga ggtggtgcgc catgccaga      360
230 ggcacatagc ccaggcacag gtcaagagct acctgcagat gctgctcaag ggtgtgcct      420
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235 ccaggcattg gatctgctgg gtcaattcct tctctaccct cctcaccagc gcctgcagc      720
236 ttccaaggct ctctccatc agtacttctt cacagctccc ctgcctgcc atccatctga      780
237 gctgccgatt cctcagcgtc tagggggacc tgcccccaag gcccatccag ggccccccca      840
238 catccatgac ttccacgtgg accggcctct tgaggartcg ctgttgaacc caractgat      900
239 tcggcccttc atcctggarg ggtgagaagt tggccctggt cccgtctgcc tgctcctcag      960
240 gaccactcag tccacctgtt cctctgccac ctgcctggct tcacctcca aggcctcccc      1020
241 atggccacag tgggccca caacacctg ccccttagcc cttgcgaagg ttggtctcga      1080
242 rgcagargtc atgttccag ccaagagtat gagaacatcc agtcgagcag aggagattca      1140
243 tggcctgtsc tcggtgagcc ttaccttctg tgtgcttcac atcactgagc actcatttag      1200
244 aagtgaggga gacagaagtc tagccccagg gatggctcca gttggggatc cagcaggaga      1260
245 cctctgcac atgaggctgg tttmccaaca tctactcct caggatgagc gtgagccaga      1320
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Input Set : A:\PZ003p4SubSeqList.txt

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256 <213> ORGANISM: Homo sapiens
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261 aattgcaggg cagcctgccca tgatctttct cacttactcc tctcccattc agcaatcaac      180
262 cagactaagg agttttgatc cctagtgatt acagccctga agaaaattaa atctgaatta      240
263 attttacatg gccttcgtga tctttctgct gttcttactt ttctgaatgt agttgggggg      300
264 tgggaggggac aggttatggt atttaaagag aataaacatt ttgcacatac atgtattgta      360
265 caacagtaag atcctctggt aaaaccagct gtctgtttct ccatctccat ttcttcccat      420
266 gctgtaacc caggctccac cagctgttcc ccagtgtgt tacctagctt ccctctaccg      480
267 ttgtctactg accatttcca ctacatgcct ttctacctt cccttcacaa ccaatcaagt      540
268 gaataacttg ttattatctc ttcttactg tgctttatct tttttgtttg gattggttct      600
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276 <213> ORGANISM: Homo sapiens
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281 <223> OTHER INFORMATION: n equals a,t,g, or c
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286 taagagctgt ggtgagacct tcaactccat caccagagg aggcatcact gcaagctgtg      180
287 tggggcggtc atctgtggga agtgcctcga gttcaaggcc gagaacagcc ggcagagcct      240
288 gtctgcagag attgtttcct gacacagcca gtggccctcg agagcacaga gaagacaccc      300
289 actgcagacc ccagcccgag cctgctctgc ggcccccctg ggctgtyaga gagcggtgag      360
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294 agcactgctg cccatgggga caccgcccag gacagcccgg gggccctgca gcttcaggctc      660
295 cctatgggcg cagtgtctcg tgagctgagt ctcccactgc cctgcacacc accacattgg      720
296 acctgtgctg tcttgggagg tgggtgttga ggccccatga agagcgccct ggacttgctt      780
297 gaggggtggc caacagccca gagytcagga catttggtt tggggggaag gaaaytgagg      840
298 ccagagagag ggcaaccayt ggccaagggt caccagcaa gttttggyta agagcctggc      900
299 ctccagcccc agcagtkttg ccagagcag gggccgagt ccaaagtaac catcatccat      960
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301 gacagccaca tctgtctggt ctgcagcgtg gtccacccc cctctgcca gctgtctac      1080
302 accgtgtgag ctgaatcgtg acttgcttcc caccctctt ctctgtctc tctgaggtt      1140

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 3
Seq#:11; N Pos. 839
Seq#:14; N Pos. 45
Seq#:18; N Pos. 483
Seq#:19; N Pos. 871
Seq#:20; N Pos. 701,728,733
Seq#:22; N Pos. 2040,2041
Seq#:25; N Pos. 520,1140
Seq#:26; N Pos. 81,659,692,700
Seq#:27; N Pos. 821,825
Seq#:28; N Pos. 2361
Seq#:33; N Pos. 26,219
Seq#:36; N Pos. 2383
Seq#:37; N Pos. 420,486,530
Seq#:38; N Pos. 356
Seq#:42; N Pos. 1640,1644,1648
Seq#:45; N Pos. 15
Seq#:46; N Pos. 49,78,148,163,532
Seq#:48; N Pos. 2264,2312,2315
Seq#:51; N Pos. 60,2388
Seq#:52; Xaa Pos. 58
Seq#:53; Xaa Pos. 15,190
Seq#:60; Xaa Pos. 281
Seq#:64; Xaa Pos. 35,297
Seq#:66; Xaa Pos. 55
Seq#:74; Xaa Pos. 7,71
Seq#:76; Xaa Pos. 42,58
Seq#:77; Xaa Pos. 52,190,233,595,683
Seq#:85; Xaa Pos. 67,89
Seq#:89; Xaa Pos. 11,86
Seq#:90; Xaa Pos. 22
Seq#:95; Xaa Pos. 141
Seq#:104; Xaa Pos. 7,147,181,190,260
Seq#:106; Xaa Pos. 7,41,50
Seq#:107; Xaa Pos. 25
Seq#:118; Xaa Pos. 20,63,66,187

Verified
11/2/02
De

VERIFICATION SUMMARY

DATE: 05/22/2002

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Input Set : A:\PZ003p4SubSeqList.txt

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L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:780
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:480
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:840
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:660
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:720
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:1980
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:2040
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:480
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:1080
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:60
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:600
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:660
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:780
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:2340
L:973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:180
L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:2340
L:1117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:360
L:1119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:480
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L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:1620
L:1397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60
L:1439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:120
L:1445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:480
L:1536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:2220
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:2280
L:1639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:1678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:2340
L:1712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:48
L:1732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:176
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:272
L:2115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:32
L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:288
L:2269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:48
L:2584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:2596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:64
L:2656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32
L:2659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:48
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:48
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:176
L:2781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:224
L:2850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:592
L:2865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:672

VERIFICATION SUMMARY

DATE: 05/22/2002

PATENT APPLICATION: US/09/852,659A

TIME: 11:48:57

Input Set : A:\PZ003p4SubSeqList.txt

Output Set: N:\CRF3\05222002\I852659A.raw

L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:64

L:3108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:80